

erodibility for an individual field containing these soil map unit delineations will be made by an on-site investigation.

[61 FR 47025, Sept. 6, 1996; 61 FR 53491, Oct. 11, 1996]

**§ 12.22 Highly erodible field determination criteria.**

(a) *Predominance.* Highly erodible land shall be considered to be predominant on a field if either:

(1) 33.33 percent or more of the total field acreage is identified as soil map units which are highly erodible; or

(2) 50 or more acres in such field are identified as soil map units which are highly erodible.

(b) *Modification of field boundaries.* A person may request the modification of field boundaries for the purpose of excluding highly erodible land from a field. Such a request must be submitted to, and is subject to the approval of, FSA. FSA shall use the technical determination of NRCS in approving this request.

(c) *Impact of changing field boundaries.* When field boundaries are changed to include areas of land that were included in a field that was previously determined to be predominately highly erodible according to paragraph (a) of this section, such areas shall continue to be subject to the requirements for predominately highly erodible fields, except as provided in paragraph (b) of this section.

(d) *Small area of noncropland.* Small areas of noncropland within or adjacent to the boundaries of existing highly erodible crop fields such as abandoned farmsteads, areas around filled or capped wells, rock piles, trees, or brush which are converted to cropland are considered to meet the requirement of § 12.5(a)(2) if they are included in an approved conservation plan for the entire highly erodible field.

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**§ 12.23 Conservation plans and conservation systems.**

(a) *Use of field office technical guide.* A conservation plan or conservation system developed for the purposes of § 12.5(a) must be based on, and to the extent practicable conform with, the

NRCS field office technical guide in use at the time the plan is developed or revised. For highly erodible croplands which were used to produce agricultural commodities prior to December 23, 1985, the applicable conservation systems in the field office technical guide are designed to achieve substantial reductions in soil erosion. Conservation systems shall be technically and economically feasible; based on local resource conditions and available conservation technology; cost-effective; and shall not cause undue economic hardship on the person applying the conservation system. Any conservation plans or systems that were approved prior to July 3, 1996, are deemed to be in compliance with this paragraph.

(b) *Substantial reduction in soil erosion.* For the purpose of determining whether there is a substantial reduction in soil erosion on a field containing highly erodible cropland which was used to produce an agricultural commodity prior to December 23, 1985, the measurement of erosion reduction achieved by applying a conservation plan or system shall be based on a comparison of the estimated annual level of erosion that is expected to occur on that portion of the field for which a conservation plan or system was developed and is being applied, to the estimated annual level of erosion that existed on that same portion of the field before the application of a conservation plan or system. On a field that is converted from native vegetation after July 3, 1996, and where any crop production will result in increased erosion, in no case will the required conservation plan or system permit a substantial increase in erosion.

(c) *Field trials.* NRCS may allow a person to include in the person's conservation plan or a conservation system under the plan, on a field-trial basis, practices that are not currently approved but that NRCS considers have a reasonable likelihood of success. These trials must have prior approval by NRCS, and must be documented in the person's conservation plan specifying the limited time period during which the field trial is in effect. If, at the end of the conservation field trial period, NRCS finds that the practice